

DECLARATION – NOTICE OF UNITIZATION
STERN PAD UNIT

TO:

Walter McDowell	)	Lease No. 1-238995-001 (27447)
Doris E. Pyles	)	Lease No. 1-238995-002 (27447)
Margaret J. McDowell	)	Lease No. 1-238995-003 (27447)
Dennis M. McDowell	)	Lease No. 1-238995-004 (27447)
Ray L. McDowell	)	Lease No. 1-238995-005 (27447)
Charlotte S. Szarfan	)	Lease No. 1-238995-006 (27447)
Richard W. McDowell	)	Lease No. 1-238995-007 (27447)

Ocal J. Miller	)	Lease No. 1-234837-001 (27446)
Miriam M. Knowles	)	Lease No. 1-234837-002 (27446)

Jack R. Hammers	)	Lease No. 3027961-000
Paul F. Hammers		
Twila Ora Whipkey		
Toni Jo Mason		
Erica M. Mason		
O.E. Burge		

Columbia Gas Transmission Corp.	)	Lease No. 3026751-000
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Jack R. Hammers	)	Lease No. 3028026-000
Paul F. Hammers		
Twila Ora Whipkey		
Toni Jo Mason		
Erica M. Mason		
O.E. Burge		

Jack R. Hammers	)	Lease No. 3026500-000
Paul F. Hammers		
Twila Ora Whipkey		
Toni Jo Mason		
Erica M. Mason		
O.E. Burge		

Jack R. Hammers	)	Lease No. 3027646-000
Paul F. Hammers		
Twila Ora Whipkey		
Toni Jo Mason		
Erica M. Mason		
O.E. Burge		

Jack R. Hammers	)	Lease No. 3027960-000
Paul F. Hammers		
Twila Ora Whipkey		
Toni Jo Mason		
Erica M. Mason		
O.E. Burge		

Ret: Mason Dixon Eng Inc.

Jack R. Hammers) Lease No. 3027644-000
 Paul F. Hammers
 Twila Ora Whipkey
 Toni Jo Mason
 Erica M. Mason
 O.E. Burge

Jack R. Hammers) Lease No. 3027648-000
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Jack R. Hammers) Lease No. 3027647-000
 Paul F. Hammers
 Twila Ora Whipkey
 Toni Jo Mason
 Erica M. Mason
 O.E. Burge

JAN PEST
 MARSHALL County 10:57:02 AM
 Instrument No 1256209
 Date Recorded 08/07/2008
 Document Type O&G
 Book-Page 671-84
 Recording Fee \$12.00
 Additional \$7.00

FROM:

Chesapeake Appalachia, LLC
 P. O. Box 6070
 Charleston, WV 25362-0070

NOTICE is hereby given that CHESAPEAKE APPALACHIA, LLC, an Oklahoma limited liability company, the surviving entity of the merger with Columbia Natural Resources, LLC, does hereby pool and unitize the oil and gas leasehold estates from the surface to the base of the Marcellus formation in the following described tracts situate in Liberty and Meade Districts, Marshall County, West Virginia, to form a drilling unit containing 515.94 acres, more or less, for the production of oil and/or gas, to-wit:

Tract No. 1

Lease No.:	1238995-001 (27447)
Current Lessor:	Walter McDowell
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	April 9, 2007
Leased Acreage:	180 acres
Unitized Acreage:	94.43 acres
Recorded:	Book 659 Page 385
County & State:	Marshall County, West Virginia

Tract No. 1

Lease No.:	1238995-002 (27447)
Current Lessor:	Doris E. Pyles
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	April 12, 2007
Leased Acreage:	180 acres
Unitized Acreage:	94.43 acres
Recorded:	Book 659 Page 529
County & State:	Marshall County, West Virginia

Tract No. 1

Lease No.: 1238995-003 (27447)
 Current Lessor: Margaret J. McDowell
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: April 10, 2007
 Leased Acreage: 180 acres
 Unitized Acreage: 94.43 acres
 Recorded: Book 659 Page 533
 County & State: Marshall County, West Virginia

Tract No. 1

Lease No.: 1238995-004 (27447)
 Current Lessor: Dennis M. McDowell
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: May 02, 2007
 Leased Acreage: 180 acres
 Unitized Acreage: 94.43 acres
 Recorded: Book 660 Page 276
 County & State: Marshall County, West Virginia

Tract No. 1

Lease No.: 1238995-005 (27447)
 Current Lessor: Ray L. McDowell et ux
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: April 13, 2007
 Leased Acreage: 180 acres
 Unitized Acreage: 94.43 acres
 Recorded: Book 660 Page 414
 County & State: Marshall County, West Virginia

Tract No. 1

Lease No.: 1238995-006 (27447)
 Current Lessor: Charlotte S. Szarfan
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: May 8, 2007
 Leased Acreage: 180 acres
 Unitized Acreage: 94.43 acres
 Recorded: Book 660 Page 280
 County & State: Marshall County, West Virginia

Tract No. 1

Lease No.: 1238995-007 (27447)
 Current Lessor: Richard W. McDowell
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: May 16, 2007
 Leased Acreage: 180 acres
 Unitized Acreage: 94.43 acres
 Recorded: Book 660 Page 599
 County & State: Marshall County, West Virginia

Tract No. 2

Lease No.: 1234837-001 (27446)
 Current Lessor: Ocal J. Miller
 Current Lessee: Chesapeake Appalachia, LLC

Effective Date:	November 21, 2006
Leased Acreage:	128.62 acres
Unitized Acreage:	45.21 acres
Recorded:	Book 657 Page 210
County & State:	Marshall County, West Virginia

Tract No. 2

Lease No.:	1234837-002 (27446)
Current Lessor:	Miriam M. Knowles, et vir.
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	November 18, 2006
Leased Acreage:	128.62 acres
Unitized Acreage:	45.21 acres
Recorded:	Book 657 Page 385
County & State:	Marshall County, West Virginia

Tract No. 3

Lease No.:	3027961-000
Current Lessor:	Jack R. Hammers Paul F. Hammers Twila Ora Whipkey Toni Jo Mason Erica M. Mason O.E. Burge
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	March 15, 1965
Leased Acreage:	44 acres
Unitized Acreage:	44 acres
Recorded:	Book 375 Page 215
County & State:	Marshall County, West Virginia

Tract No. 4

Lease No.:	3026751-000
Current Lessor:	Columbia Gas Transmission Corp.
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	March 10, 1958
Leased Acreage:	54 acres
Unitized Acreage:	1.65 acres
Recorded:	Book 329 Page 214
County & State:	Marshall County, West Virginia

Tract No. 5

Lease No.:	3028026-000
Current Lessor:	Jack R. Hammers Paul F. Hammers Twila Ora Whipkey Toni Jo Mason Erica M. Mason O.E. Burge
Current Lessee:	Chesapeake Appalachia, LLC
Effective Date:	August 30, 1955
Leased Acreage:	37.5 acres
Unitized Acreage:	37.5 acres
Recorded:	Book 309 Page 61
County & State:	Marshall County, West Virginia

Tract No. 6

Lease No.:

Current Lessor:

Current Lessee:

Effective Date:

Leased Acreage:

Unitized Acreage:

Recorded:

County & State:

3026500-000

Jack R. Hammers

Paul F. Hammers

Twila Ora Whipkey

Toni Jo Mason

Erica M. Mason

O.E. Burge

Chesapeake Appalachia, LLC

March 19, 1952

126 acres

14.59 acres

Book 272 Page 210

Marshall County, West Virginia

Tract No. 7

Lease No.:

Current Lessor:

Current Lessee:

Effective Date:

Leased Acreage:

Unitized Acreage:

Recorded:

County & State:

3027646-000

Jack R. Hammers

Paul F. Hammers

Twila Ora Whipkey

Toni Jo Mason

Erica M. Mason

O.E. Burge

Chesapeake Appalachia, LLC

May 31, 1954

28 acres

14.72 acres

Book 299 Page 68

Marshall County, West Virginia

Tract No. 8

Lease No.:

Current Lessor:

Current Lessee:

Effective Date:

Leased Acreage:

Unitized Acreage:

Recorded:

County & State:

3027960-000

Jack R. Hammers

Paul F. Hammers

Twila Ora Whipkey

Toni Jo Mason

Erica M. Mason

O.E. Burge

Chesapeake Appalachia, LLC

March 15, 1965

122 acres

22.25 acres

Book 375 Page 211

Marshall County, West Virginia

Tract No. 9

Lease No.:

Current Lessor:

Current Lessee:

3027644-000

Jack R. Hammers

Paul F. Hammers

Twila Ora Whipkey

Toni Jo Mason

Erica M. Mason

O.E. Burge

Chesapeake Appalachia, LLC

Effective Date: November 26, 1963
 Leased Acreage: 110 acres
 Unitized Acreage: 110 acres
 Recorded: Book 367 Page 17
 County & State: Marshall County, West Virginia

Tract No. 10

Lease No.: 3027648-000
 Current Lessor: Jack R. Hammers
 Paul F. Hammers
 Twila Ora Whipkey
 Toni Jo Mason
 Erica M. Mason
 O.E. Burge
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: May 31, 1954
 Leased Acreage: 54 acres
 Unitized Acreage: 51.25 acres
 Recorded: Book 299 Page 71
 County & State: Marshall County, West Virginia

Tract No. 11

Lease No.: 3027647-000
 Current Lessor: Jack R. Hammers
 Paul F. Hammers
 Twila Ora Whipkey
 Toni Jo Mason
 Erica M. Mason
 O.E. Burge
 Current Lessee: Chesapeake Appalachia, LLC
 Effective Date: May 31, 1954
 Leased Acreage: 140 acres
 Unitized Acreage: 80.34 acres
 Recorded: Book 299 Page 65
 County & State: Marshall County, West Virginia

The above-referenced leases will participate in the unit in the proportion shown below:

OWNERS OF TRACT NO. 1

1-238995-001	$94.43/515.94 \times .2$	=	3.6%
1-238995-002	$94.43/515.94 \times .2$	=	3.6%
1-238995-003	$94.43/515.94 \times .2$	=	3.6%
1-238995-004	$94.43/515.94 \times .06$	=	1.3%
1-238995-005	$94.43/515.94 \times .2$	=	3.6%
1-238995-006	$94.43/515.94 \times .07$	=	1.3%
1-238995-007	$94.43/515.94 \times .07$	=	1.3%

OWNERS OF TRACT NO. 2

1-234837-001 (27446)	$45.21/515.94 \times 5$	=	4.4%
1-234837-002 (27446)	$45.21/515.94 \times 5$	=	4.4%

OWNERS OF TRACT NO. 3

TCO 3027961-000

Jack R. Hammers	44/515.94 x .125	=	1.1%
Paul F. Hammers	44/515.94 x .125	=	1.1%
Twila Ora Whipkey	44/515.94 x .25	=	2.1%
Toni Jo Mason	44/515.94 x .0625	=	0.5%
Erica M. Mason	44/515.94 x .0625	=	0.5%
O.E. Burge (3/8 interest)	44/515.94 x .375	=	3.2%

OWNERS OF TRACT NO. 4

TCO 3026751-000

1.65/515.94	=	0.3%
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OWNERS OF TRACT NO. 5

TCO 3028026-000

Jack R. Hammers	37.5/515.94 x .125	=	0.9%
Paul F. Hammers	37.5/515.94 x .125	=	0.9%
Twila Ora Whipkey	37.5/515.94 x .25	=	1.8%
Toni Jo Mason	37.5/515.94 x .0625	=	0.5%
Erica M. Mason	37.5/515.94 x .0625	=	0.5%
O.E. Burge	37.5/515.94 x .375	=	2.7%

OWNERS OF TRACT NO. 6

TCO 3026500-000

Jack R. Hammers	14.59/515.94 x .125	=	0.3%
Paul F. Hammers	14.59/515.94 x .125	=	0.3%
Twila Ora Whipkey	14.59/515.94 x .25	=	0.7%
Toni Jo Mason	14.59/515.94 x .0625	=	0.2%
Erica M. Mason	14.59/515.94 x .0625	=	0.2%
O.E. Burge	14.59/515.94 x .375	=	1.1%

OWNERS OF TRACT NO. 7

TCO 3027646-000

Jack R. Hammers	14.72/515.94 x .125	=	0.3%
Paul F. Hammers	14.72/515.94 x .125	=	0.3%
Twila Ora Whipkey	14.72/515.94 x .25	=	0.7%
Toni Jo Mason	14.72/515.94 x .0625	=	0.2%
Erica M. Mason	14.72/515.94 x .0625	=	0.2%
O.E. Burge	14.72/515.94 x .375	=	1.1%

OWNERS OF TRACT NO. 8

TCO 3027960-000

Jack R. Hammers	22.25/515.94 x .125	=	0.5%
Paul F. Hammers	22.25/515.94 x .125	=	0.5%
Twila Ora Whipkey	22.25/515.94 x .25	=	1.1%
Toni Jo Mason	22.25/515.94 x .0625	=	0.3%
Erica M. Mason	22.25/515.94 x .0625	=	0.3%
O.E. Burge	22.25/515.94 x .375	=	1.6%

OWNERS OF TRACT NO. 9

TCO 3027644-000

Jack R. Hammers	110/515.94 x .125	=	2.7%
Paul F. Hammers	110/515.94 x .125	=	2.7%
Twila Ora Whipkey	110/515.94 x .25	=	5.3%
Toni Jo Mason	110/515.94 x .0625	=	1.3%
Erica M. Mason	110/515.94 x .0625	=	1.3%
O.E. Burge	110/515.94 x .375	=	8.0%

OWNERS OF TRACT NO. 10

TCO 3027648-000

Jack R. Hammers	51.25/515.94 x .125	=	1.2%
Paul F. Hammers	51.25/515.94 x .125	=	1.2%
Twila Ora Whipkey	51.25/515.94 x .25	=	2.5%
Toni Jo Mason	51.25/515.94 x .0625	=	0.6%
Erica M. Mason	51.25/515.94 x .0625	=	0.6%
O.E. Burge	51.25/515.94 x .375	=	3.9%

OWNERS OF TRACT NO. 11

TCO 3027647-000

Jack R. Hammers	80.34/515.94 x .125	=	2.0%
Paul F. Hammers	80.34/515.94 x .125	=	2.0%
Twila Ora Whipkey	80.34/515.94 x .25	=	3.8%
Toni Jo Mason	80.34/515.94 x .0625	=	1.0%
Erica M. Mason	80.34/515.94 x .0625	=	1.0%
O.E. Burge	80.34/515.94 x .375	=	5.8%

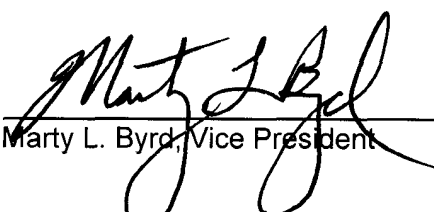
Total: 100%

Said tracts are shown on the maps or plats attached hereto as **Exhibit A.1.** entitled Well Location Plat 626713 and **Exhibit A.2.** entitled Well Location Plat 626714, both dated February 14, 2008, and Stern Pad Unit map attached as **Exhibit B.**

This Declaration-Notice of Unitization is made by authority of the pooling/unitization provisions contained in the above referenced leases.

IN WITNESS WHEREOF, the parties have caused their corporate names to be subscribed hereto by their duly authorized officer effective as of this the 31st day of July, 2008.

CHESAPEAKE APPALACHIA, LLC

By: 
Marty L. Byrd, Vice President

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, to-wit:

Before me, a notary public, in and for said county and state, personally appeared Marty L. Byrd, Vice President of Chesapeake Appalachia, LLC, known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the entity upon behalf of which the individual acted, executed the instrument.

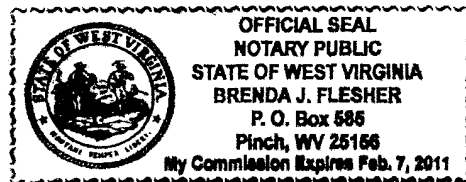
In testimony whereof, I have hereunto subscribed my name, and affixed my official seal, at Charleston, West Virginia, this 31st day of July, 2008.

My commission expires February 7, 2011.

Brenda J. Flesher
Notary Public

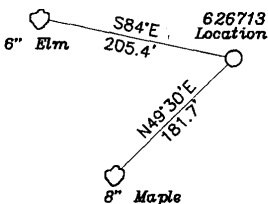
This instrument prepared by:

J. Johnson, RL, CLA
Chesapeake Appalachia, LLC
900 Pennsylvania Avenue
P. O. Box 6070
Charleston, WV 25362-0070



W:\CENTRAL\Victory\Stern 700, 713, 714\Stern Pad Unit Agreement.doc

References



- A = 30" Maple Stump
B = Projected Fence line at edge of County Road 92
C = Mason Dixon Farms L.L.C. 50 Ac.
D = Mason Dixon Farms L.L.C. 65 Ac.

LATITUDE 39-45-00 N

Bottom Hole
WGS 84 Coordinates
39.738969 N
80.653696 W

Geographic Coordinates
NAD 27
39.738889 N
80.653889 W

Top Hole
WGS 84 Coordinates
39.734912 N
80.644665 W
Geographic Coordinates
NAD 27
39.734832 N
80.644858 W

Scherrick
23 Ac.

Mason Dixon
67.87 Ac.

Mason Dixon
22 Ac.

Mason Dixon
Farms L.L.C.
80 Ac.

Mason Dixon
25 Ac.

Mason Dixon
Farms
52.12 Ac.

Mason Dixon Farms
129.4 Ac.

Marshall County
Weitzel County

Liberty District
Proctor District

L19	S35°00' E	714.45'
L46	N35°30' E	263.34'
L47	N14°00' E	263.34'
L48	N34°20' E	661.65'

NUMBER	DIRECTION	DISTANCE
L50	S29°25' W	908'
L51	N75°34' W	1320'

— LEGEND —
----- Loose Lines
----- Adjoining Property Line
----- Surface Tract Lines
----- Stream & Boundary of Surface Tracts
----- Lines between 587 Ac. Tract & E. Wilson 37 Ac. Lease Tract

NUMBER	DIRECTION	DISTANCE
L1	S38°30' W	155.76'
L2	S58°15' W	163.68'
L3	S30°15' W	155.76'
L4	S51°45' E	782.10'
L5	S46°45' E	231.00'
L6	N49°00' E	297.00'
L7	N38°00' E	420.75'
L8	S56°45' E	264.00'
L9	N85°00' E	537.90'
L10	S51°45' E	341.55'
L11	S10°00' E	359.70'
L12	N86°30' W	536.25'
L13	S72°38' W	647.46'
L14	S31°10' E	112.20'
L15	S21°30' E	148.50'
L16	S48°30' E	145.20'
L17	S32°15' E	165.00'
L18	S61°45' E	128.70'

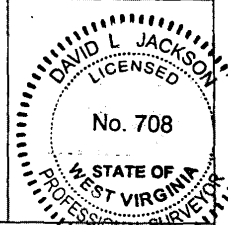
NORTH

LONGITUDE 80-37-30 W
Top Hole 5,456'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 in 200
PROVEN SOURCE OF
ELEVATION GPS
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF AND SHOWS ALL THE
INFORMATION REQUIRED BY LAW AND THE REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) David L Jackson
R.P.E. _____ L.I.S. 708



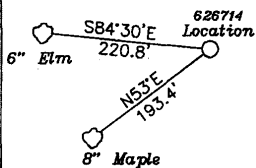
STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE February 14
OPERATOR'S WELL NO. 626713
API WELL NO. _____

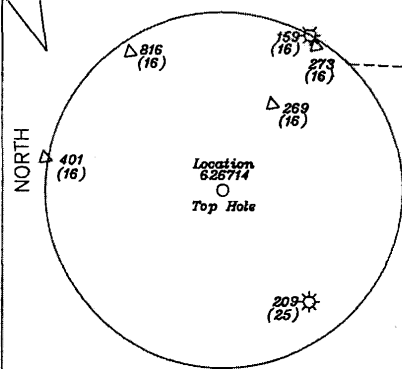
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 051
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,404' WATER SHED Valley Run
DISTRICT Liberty COUNTY Marshall
QUADRANGLE Wileyville 7 1/2'
SURFACE OWNER Alton W. Stern, et ux ACREAGE 109 ac.
OIL & GAS ROYALTY OWNER O.E. Burge LEASE ACREAGE 65 out of 597 ac.
LEASE NO. 27645
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Marcellus ESTIMATED DEPTH 7,200' + Horizontal leg
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Michael John
ADDRESS P.O. Box 6070 Charleston, WV 25362 ADDRESS P.O. Box 6070 Charleston, WV 25362

References



- A = 30" Maple Stump
B = Projected Fence line at edge of County Road (92)
C = Mason Dixon Farms L.L.C. 50 Ac.
D = Mason Dixon Farms L.L.C. 65 Ac.



Top Hole WGS 84 Coordinates 39.734928 N 80.644620 W
Bottom Hole WGS 84 Coordinates 39.729167 N 80.638418 W

Geographic Coordinates NAD 27 39.734848 N 80.644813 W
Geographic Coordinates NAD 27 39.729167 N 80.638611 W

L15	S2°30' E	148.50'
L16	S48°30' E	145.20'
L17	S32°15' E	165.00'
L18	S61°45' E	128.70'
L19	S35°00' E	714.45'
L46	N35°30' E	263.34'
L47	N14°00' E	263.34'
L48	N34°20' E	661.65'

NUMBER	DIRECTION	DISTANCE
L49	S28°53' W	895'
L50	N75°11' W	1309'

NUMBER	DIRECTION	DISTANCE
L1	S38°30' W	155.76'
L2	S58°15' W	163.68'
L3	S30°15' W	155.76'
L4	S51°45' E	782.10'
L5	S46°15' E	231.00'
L6	N49°00' E	297.00'
L7	N38°00' E	420.75'
L8	S56°45' E	264.00'
L9	N85°00' E	537.90'
L10	S51°45' E	341.55'
L11	S10°00' E	359.70'
L12	N86°30' W	536.25'
L13	S72°38' W	647.46'
L14	S31°10' E	112.20'

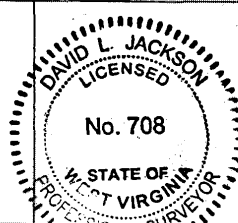
— LEGEND —
--- Lease Lines
--- Adjoining Property Line
--- Surface Tract Lines
--- Stream & Boundary of Surface Tracts
--- Lines between 597 Ac. Tract & E. Wilson 37 Ac. Lease Tract

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) David L. Jackson
R.P.E. _____ L.L.S. 708

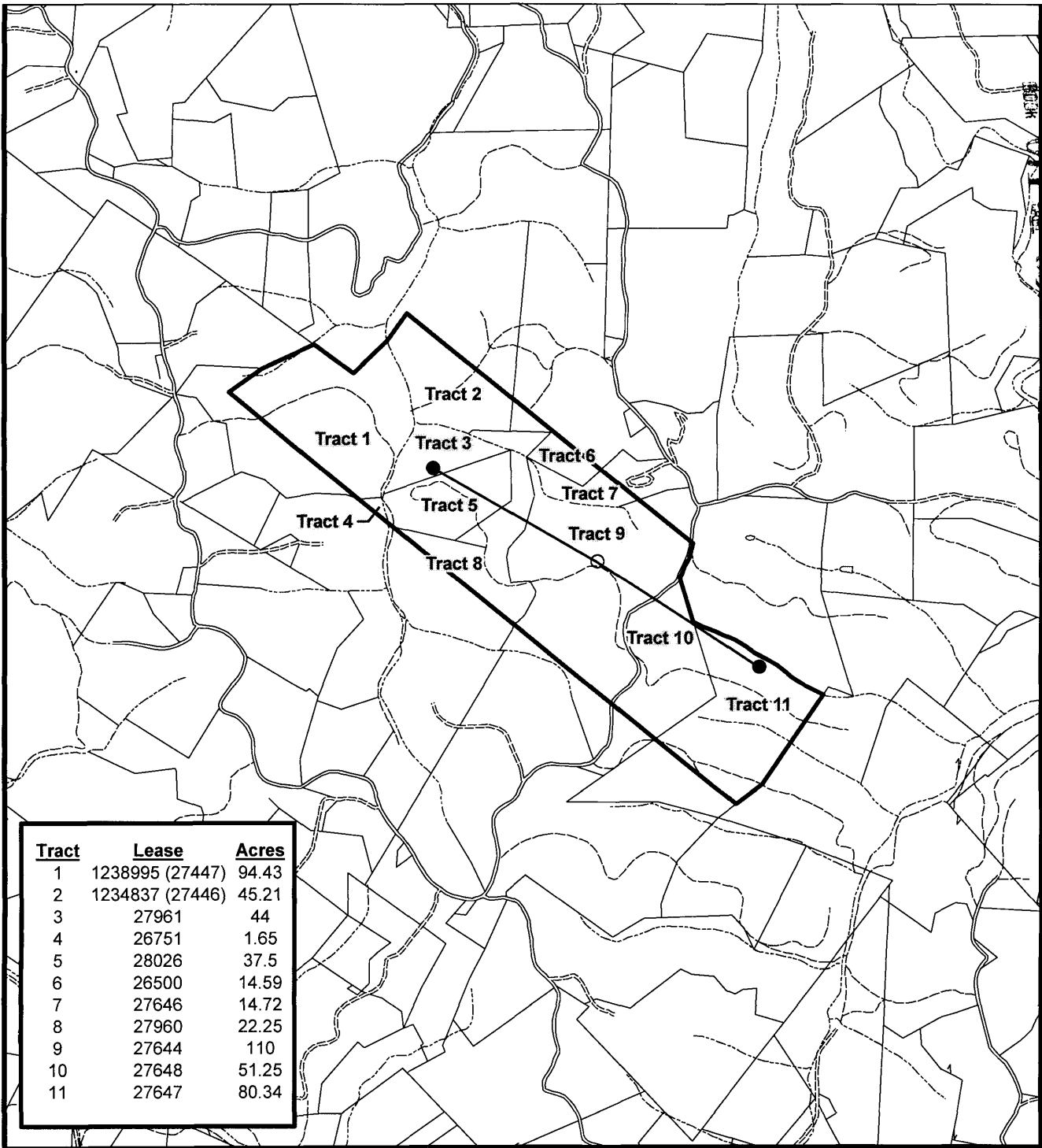


STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE February 14
OPERATOR'S WELL NO. 626714
API WELL NO. _____

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 051 STATE COUNTY PERMIT
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,408' WATER SHED Valley Run
DISTRICT Liberty COUNTY Marshall
QUADRANGLE Wileyville 7 1/2'
SURFACE OWNER Alton W. Stern, et ux ACREAGE 109 ac.
OIL & GAS ROYALTY OWNER O.E. Burge LEASE NO. 27645 LEASE ACREAGE 142 out of 597
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Marcellus ESTIMATED DEPTH 7,200' + Horizontal leg
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Michael John
ADDRESS P.O. Box 6070 Charleston, WV 25362 ADDRESS P.O. Box 6070 Charleston, WV 25362



Tract	Lease	Acres
1	1238995 (27447)	94.43
2	1234837 (27446)	45.21
3	27961	44
4	26751	1.65
5	28026	37.5
6	26500	14.59
7	27646	14.72
8	27960	22.25
9	27644	110
10	27648	51.25
11	27647	80.34



Exhibit "B"
Stern Pad Unit
Unit: 515.94ac

1 inch equals 2,000 feet

- Legend**
- CHK Well (Top Hole)
 - CHK Well (Bottom Hole)
 - ▭ Stern Pad Unit

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 31st day of July 2008, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 5th day of August 2008 at 10:57 o'clock AM.

TESTE: Jan Pest Clerk.